

C6225389

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.



Speed®

Repair Inquiry

Repair Number: RE00151961

Serial: C6225389 Model M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Verify Repair

Status:

Closed 9/26/2008 9:49:39 AM

Address Information

Customer:

Received From

Return To:

Received From

Name: DEF DIST DEPOT ANNISTON AL

DEF DIST DEPOT ANNISTON AL

Address 1: 7 FRANKFORD AVE BLDG 362

7 FRANKFORD AVE BLDG 362

Address 2: PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 36201-4199

Country: US

State: AL

Zip Code: 36201-4199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone: BNN

Fax:

Email:

Comments:

Received Condition

Fair

Condition
Notes:CSR
Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A017	Scope Base	1
A026	Scope	1
A045	Bi Pod	1
A057	Fit and Rear Sgt Base	1

Repair Search

Refresh

Close

nagletj

9/29/2008

2:39 PM

CAPS

NUM

INS

SCRL

H start

13 M...

4 Mi...

HR Ba...

2 Int...

Arms...

Part S...

2:39 PM

Serial Number:

C6225389

Model M24 SWS



RE00151961

INSPECTION CHECKLIST - REPAIRS

CONTRACT #: W52H09-07-C-0207

ISSUED 10/1/2007

R & E NUMBER

151961

SERIAL NUMBER

C6225389

LOG-IN DATE

9-26-08

OPERATION #	OPERATION NAME	DATE	INITIAL
500	DIS-ASSEMBLE GUN	3-25-09	RT
505	RE-BARREL	3-27-09	RT
420	ASSEMBLE	3-27-09	RT
440	PROOF	3-27-09	TC
460	CHECK HEADSPACE	3-27-09	TC
470	DIS-ASSEMBLE GUN		
480	MAGNAFLUX	4/2/09	RT
510	DRILL AND TAP	3-28-09	JP
500	ROLLMARK CALIBER	4/2/09	RT
520	GOFF BLAST BBL / REC	4-2	nt
530 & 540	APPLY COATINGS	4-3	
560	FINAL ASSEMBLY	4-8-09	RT
640	FUNCTION TEST AND	4-8-09	RP
650	TARGET	4-8-09	RP
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
	MALFUNCTION	CORRECTION	
670	FINAL INSPECTION		
	A) HEADSPACE	PASS	FAIL
	B) TRIGGER PULL	2.62 2.69 2.60 2.61 2.65 4-9-09	NN
680	F) SAFETY ON FORCE	4 4 4 4-15-09	NN
	G) SAFETY OFF FORCE	3.5 3.5 3.5 4-15-09	NN
	I) FIRING PIN INDENT	.021 .022 .022 4-15-09	NN
690	PACK	6/2/09	Fm

F006 REV 1/2009

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225389.___0

FILE DATE AND TIME: 04/09/2009 05:32

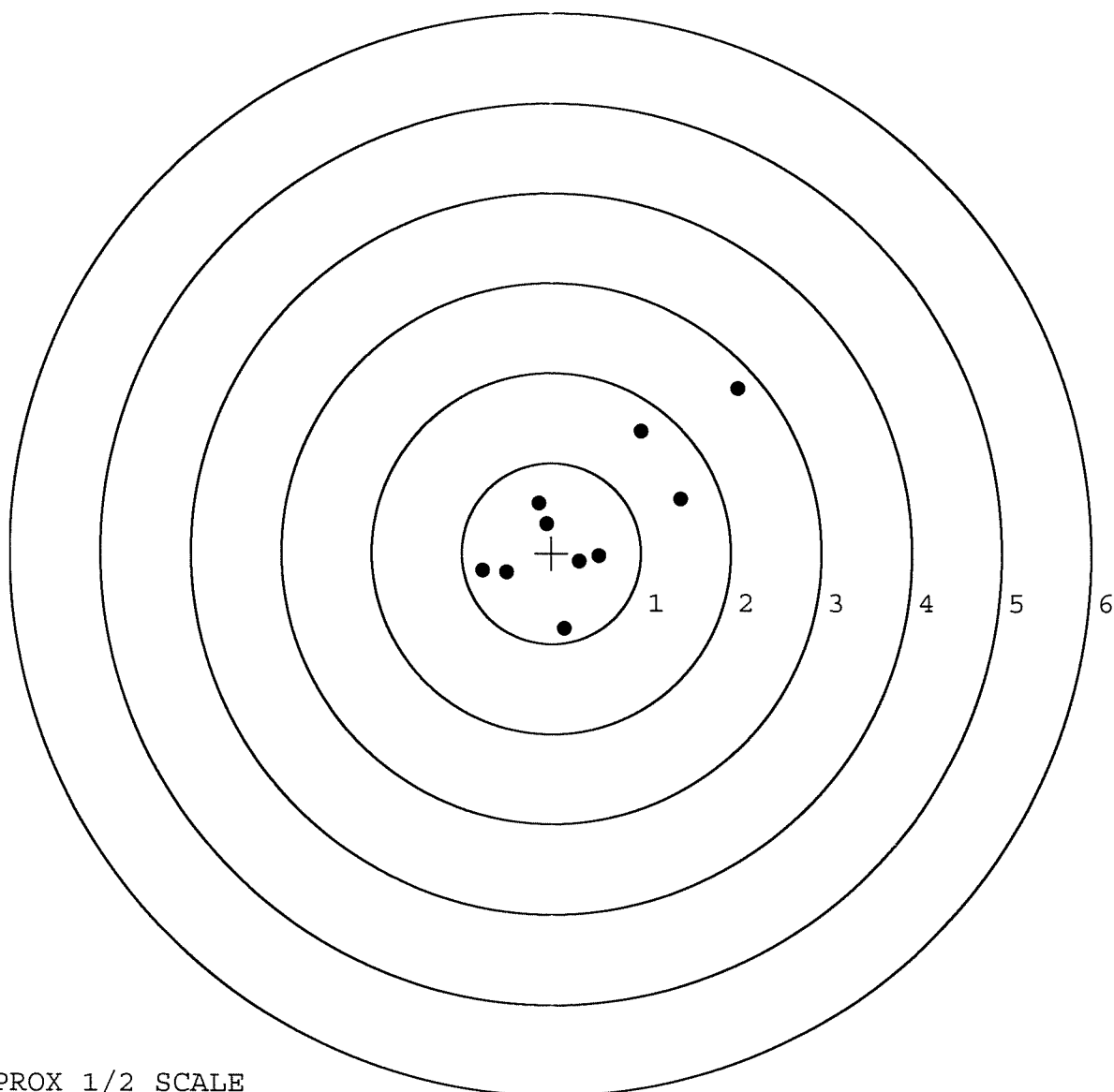
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.032
The Average Y Centroid of the Five Target Set:	0.235
The Average Point of Impact of the Five Target Set:	0.237
The Average Mean Radius of the Five Target Set:	0.877
The Distance from POA to Centroid Target #1:	0.518
The Distance from Centroid Target #2 to Centroid Target #1:	0.720
The Distance from Centroid Target #3 to Centroid Target #1:	0.635
The Distance from Centroid Target #4 to Centroid Target #1:	0.339
The Distance from Centroid Target #5 to Centroid Target #1:	0.596

SERIAL NUMBER: C6225389. 0
 TARGET NUMBER: 1
 FILE DATE: 04/09/2009
 FILE TIME: 05:32

X CENTROID: 0.403
 Y CENTROID: 0.326
 POA TO CENTROID: 0.518
 HORZ SPREAD: 2.851
 VERT SPREAD: 2.656
 GROUP SPREAD: 3.494
 MIN RADIUS: 0.387
 MAX RADIUS: 2.246
 MEAN RADIUS: 0.991
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 4
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	-0.772	-0.199
2:	-0.503	-0.219
3:	0.142	-0.835
4:	0.532	-0.039
5:	0.311	-0.095
6:	-0.145	0.552
7:	-0.055	0.325
8:	1.003	1.351
9:	1.441	0.596
10:	2.079	1.821

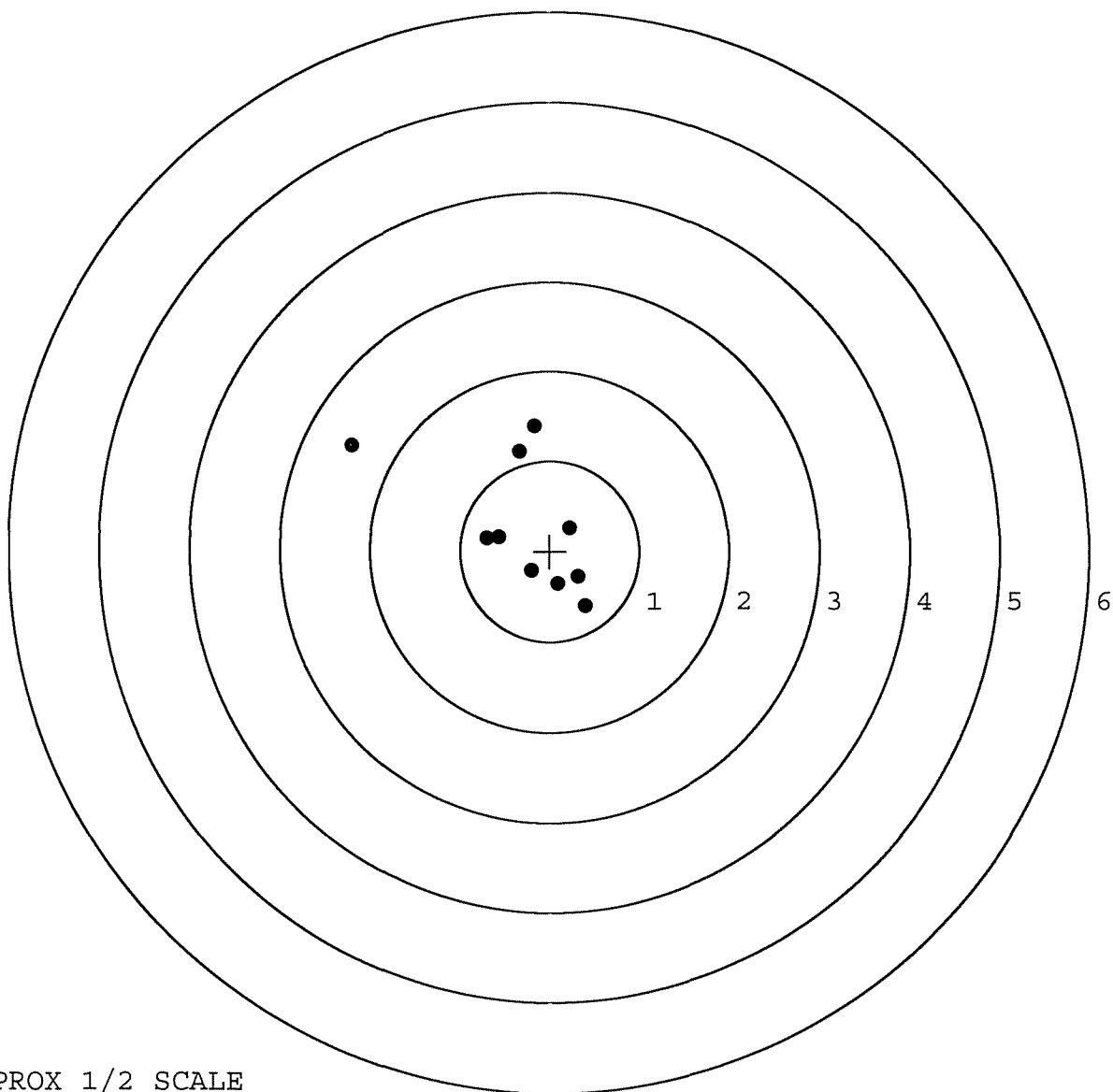


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389.____0
 TARGET NUMBER: 2
 FILE DATE: 04/09/2009
 FILE TIME: 05:32

POINT#	X	Y
1:	-2.197	1.173
2:	-0.170	1.382
3:	-0.334	1.105
4:	-0.701	0.144
5:	-0.568	0.158
6:	0.229	0.256
7:	0.395	-0.613
8:	0.317	-0.281
9:	-0.211	-0.215
10:	0.090	-0.363

X CENTROID: -0.315
 Y CENTROID: 0.275
 POA TO CENTROID: 0.418
 HORZ SPREAD: 2.592
 VERT SPREAD: 1.995
 GROUP SPREAD: 3.148
 MIN RADIUS: 0.279
 MAX RADIUS: 2.085
 MEAN RADIUS: 0.850
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 9

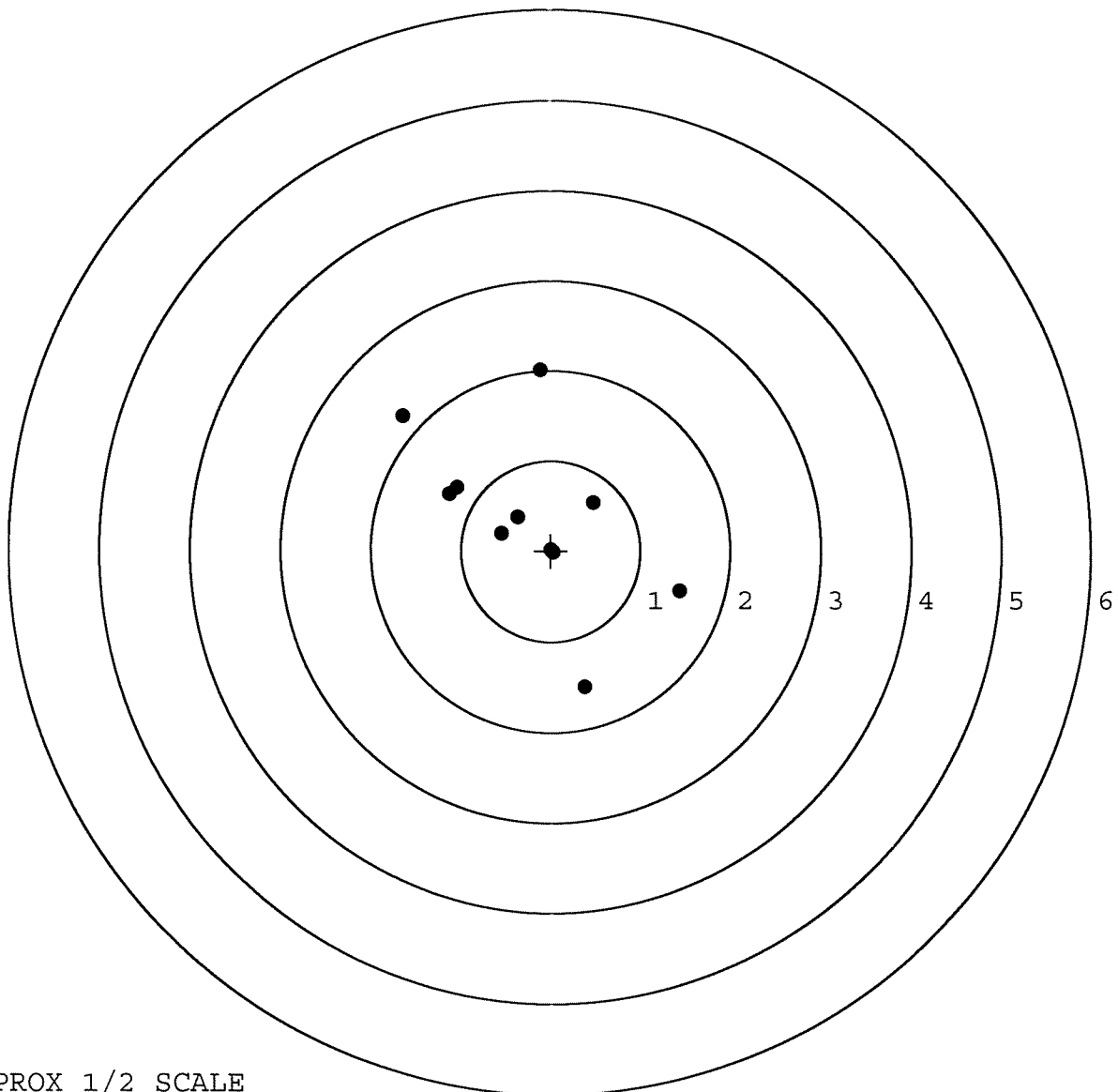


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. __0
 TARGET NUMBER: 3
 FILE DATE: 04/09/2009
 FILE TIME: 05:32

X CENTROID: -0.230
 Y CENTROID: 0.359
 POA TO CENTROID: 0.427
 HORZ SPREAD: 3.082
 VERT SPREAD: 3.506
 GROUP SPREAD: 3.608
 MIN RADIUS: 0.137
 MAX RADIUS: 1.956
 MEAN RADIUS: 1.018
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 7
 # in 3 IN DIAMETER: 7

POINT#	X	Y
1:	0.000	0.011
2:	-0.118	2.005
3:	-1.646	1.489
4:	-1.041	0.706
5:	-0.550	0.189
6:	-0.367	0.367
7:	0.477	0.529
8:	0.032	-0.021
9:	1.436	-0.451
10:	0.374	-1.501
11:	-1.131	0.630

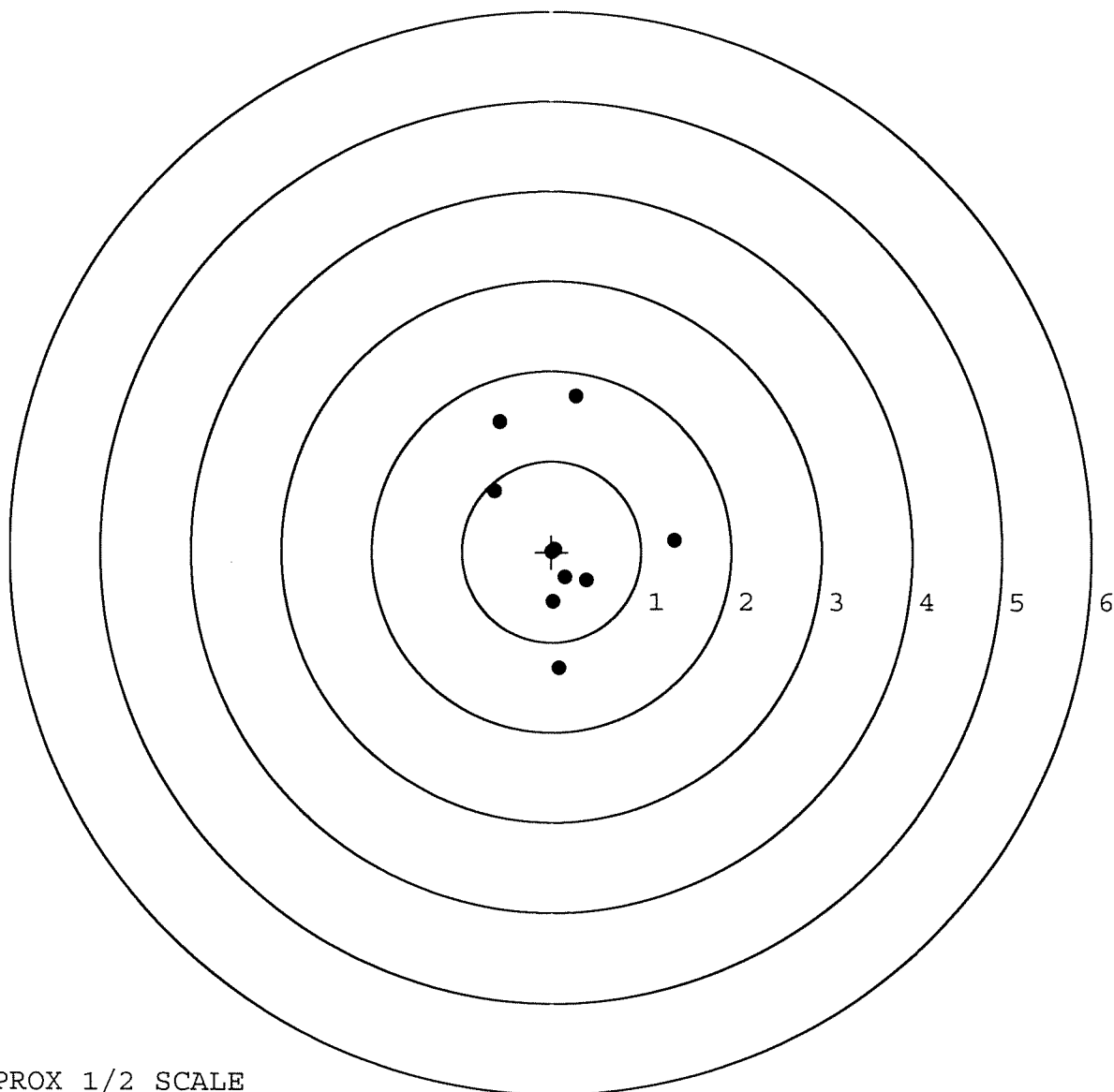


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. 0
 TARGET NUMBER: 4
 FILE DATE: 04/09/2009
 FILE TIME: 05:32

X CENTROID: 0.112
 Y CENTROID: 0.153
 POA TO CENTROID: 0.189
 HORZ SPREAD: 2.011
 VERT SPREAD: 3.012
 GROUP SPREAD: 3.018
 MIN RADIUS: 0.145
 MAX RADIUS: 1.575
 MEAN RADIUS: 0.867
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.002	0.006
2:	0.277	1.719
3:	-0.578	1.427
4:	-0.640	0.672
5:	1.371	0.131
6:	0.085	-1.293
7:	0.020	-0.559
8:	0.387	-0.319
9:	0.152	-0.281
10:	0.039	0.028

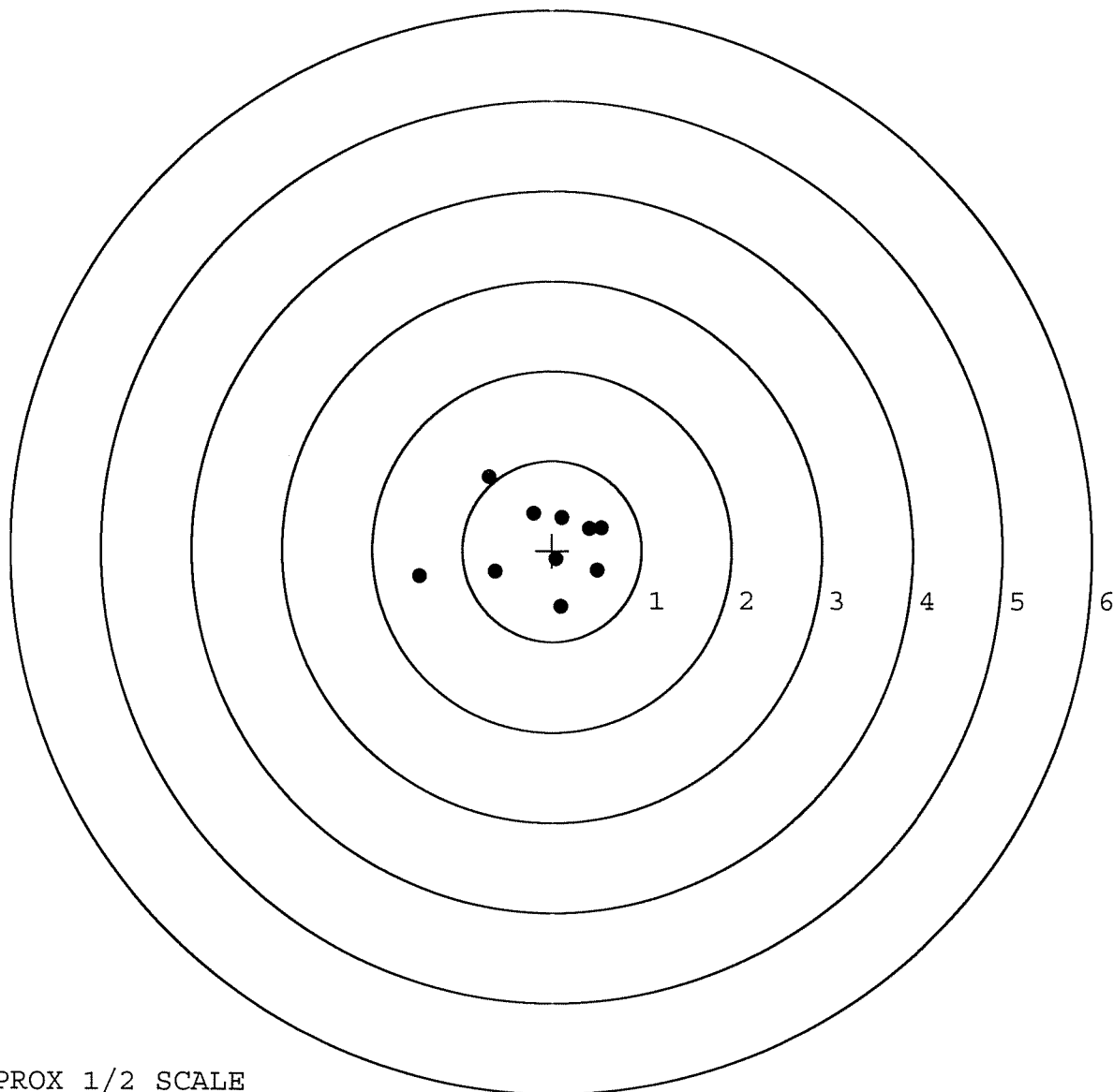


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. __0
 TARGET NUMBER: 5
 FILE DATE: 04/09/2009
 FILE TIME: 05:32

X CENTROID: -0.131
 Y CENTROID: 0.062
 POA TO CENTROID: 0.144
 HORZ SPREAD: 2.024
 VERT SPREAD: 1.440
 GROUP SPREAD: 2.095
 MIN RADIUS: 0.236
 MAX RADIUS: 1.392
 MEAN RADIUS: 0.661
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	-0.704	0.816
2:	-1.477	-0.292
3:	-0.637	-0.235
4:	0.098	-0.624
5:	0.045	-0.096
6:	0.501	-0.221
7:	0.547	0.248
8:	0.419	0.245
9:	0.113	0.363
10:	-0.212	0.412



TARGET APPROX 1/2 SCALE

Repair Inquiry

Repair Number: **RE00092481**

Serial: C6225389 Model: M24 SWS Center Fire
Caliber: 7.62 NATO Produced: 06/21/1989

Repairman:

Status:

Closed 2/4/2005 9:39:01 AM

Verify Repair

Address Information

Customer:

☒ Received From

Return To:

☐ Received From

Name: DEF DIST DEPOT ANNISTON

DEF DIST DEPOT ANNISTON

Address 1:

Address 2:

PO Box:

PO Box:

City: ANNISTON

ANNISTON

State: AL

Zip Code: 362014199

Country: US

State: AL

Zip Code: 362014199

Country: US

FFL:

Contact / Condition

Problems

Estimate

History / Status

Shipping / Billing

Contact Information

Phone:

Fax:

Email:

Comments:

Received Condition

Good

Condition Notes:

CSR Notes:

Accessories Received

Code	Desc	Qty
A007	With Stud	3
A010	Hard Case	1
A017	Scope Base	1
A026	Scope	1
A057	Frt and Rear Sgt Base	1

Repair Search

Refresh

Close

naqletj

2/7/2005

11:29 AM

CAPS

NUM

INS

SCPL

start

3

3

Arms Services R

3

M

Serial Number: **C6225389**
Model: **M24 SWS**
RE00092481

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225389.___0
FILE DATE AND TIME: 05/11/2005 08:29

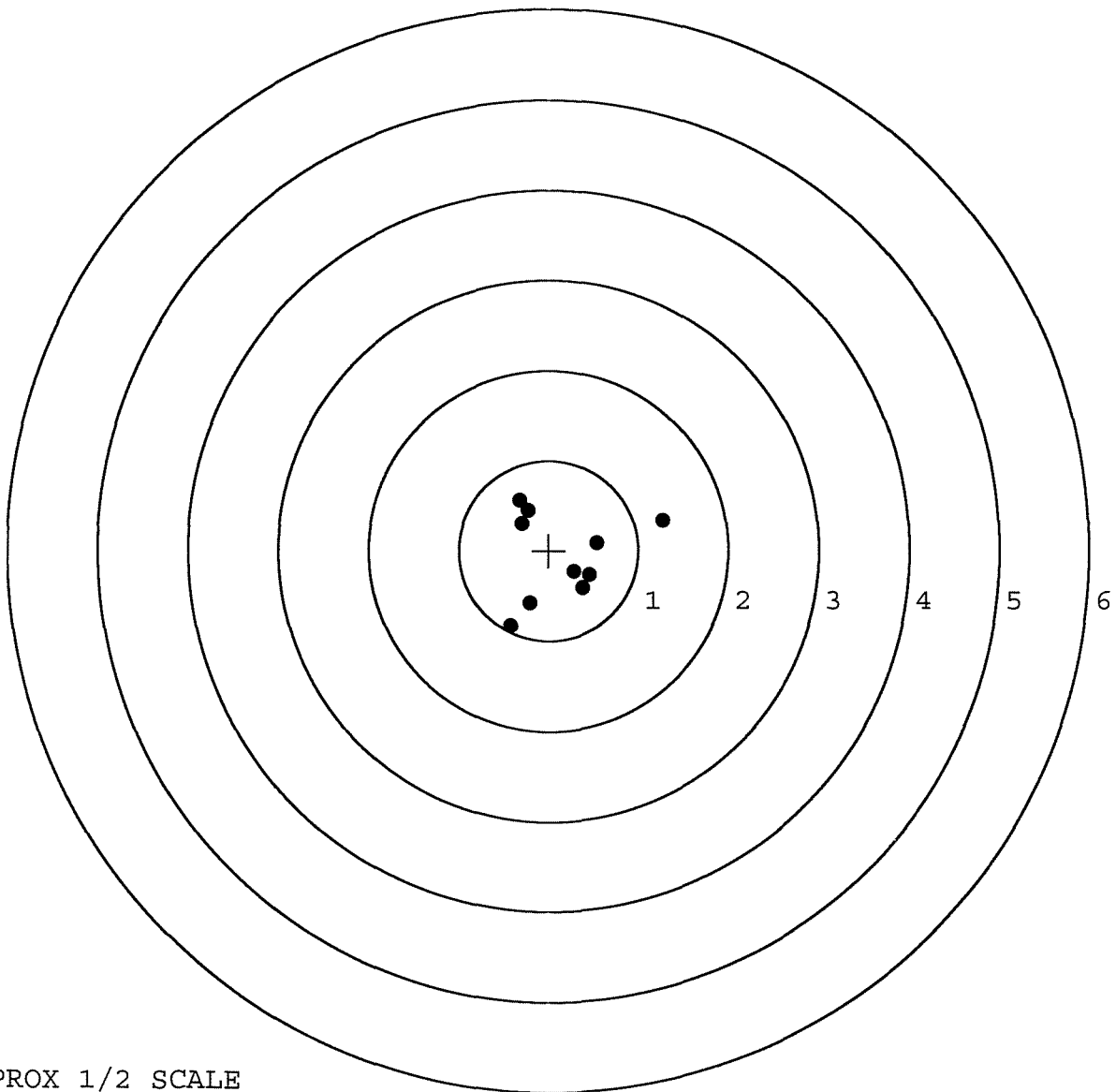
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.078
The Average Y Centroid of the Five Target Set:	0.103
The Average Point of Impact of the Five Target Set:	0.129
The Average Mean Radius of the Five Target Set:	0.894
The Distance from POA to Centroid Target #1:	0.159
The Distance from Centroid Target #2 to Centroid Target #1:	0.404
The Distance from Centroid Target #3 to Centroid Target #1:	0.507
The Distance from Centroid Target #4 to Centroid Target #1:	0.287
The Distance from Centroid Target #5 to Centroid Target #1:	0.295

SERIAL NUMBER: C6225389. 0
 TARGET NUMBER: 1
 FILE DATE: 05/11/2005
 FILE TIME: 08:29

X CENTROID: 0.145
 Y CENTROID: -0.065
 POA TO CENTROID: 0.159
 HORZ SPREAD: 1.698
 VERT SPREAD: 1.398
 GROUP SPREAD: 2.066
 MIN RADIUS: 0.222
 MAX RADIUS: 1.199
 MEAN RADIUS: 0.622
 # IN 1 IN DIAMETER: 4
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10

POINT#	X	Y
1:	0.458	-0.279
2:	0.383	-0.422
3:	0.283	-0.239
4:	0.535	0.084
5:	-0.297	0.299
6:	-0.322	0.558
7:	-0.210	-0.588
8:	-0.424	-0.840
9:	1.274	0.337
10:	-0.232	0.441

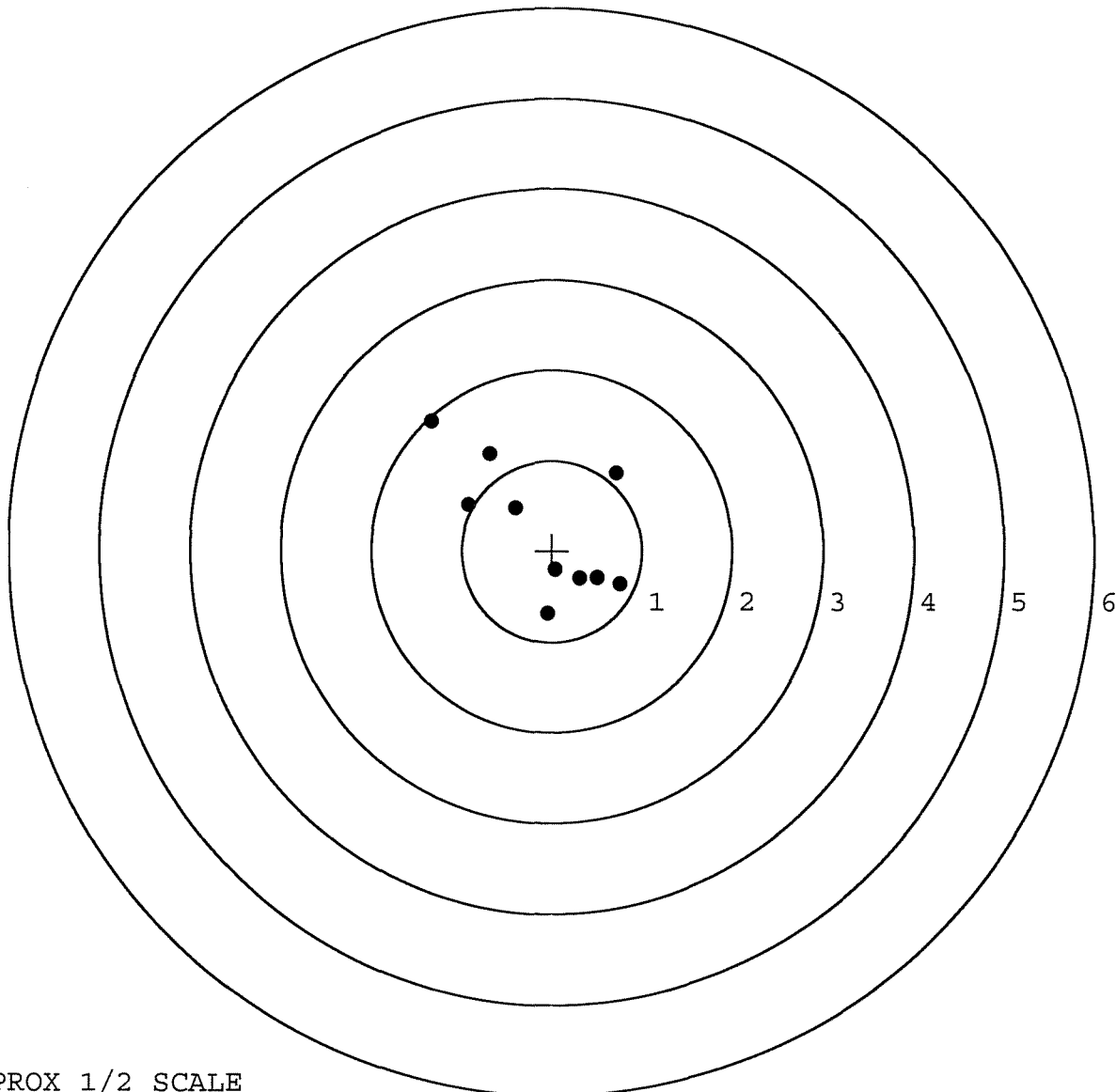


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. __0
 TARGET NUMBER: 2
 FILE DATE: 05/11/2005
 FILE TIME: 08:29

X CENTROID: -0.109
 Y CENTROID: 0.249
 POA TO CENTROID: 0.272
 HORZ SPREAD: 2.090
 VERT SPREAD: 2.126
 GROUP SPREAD: 2.756
 MIN RADIUS: 0.375
 MAX RADIUS: 1.705
 MEAN RADIUS: 0.896
 # IN 1 IN DIAMETER: 2
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.754	-0.363
2:	0.501	-0.299
3:	0.309	-0.304
4:	0.034	-0.207
5:	-0.051	-0.693
6:	-0.406	0.478
7:	-0.923	0.512
8:	-0.688	1.074
9:	-1.336	1.433
10:	0.715	0.863

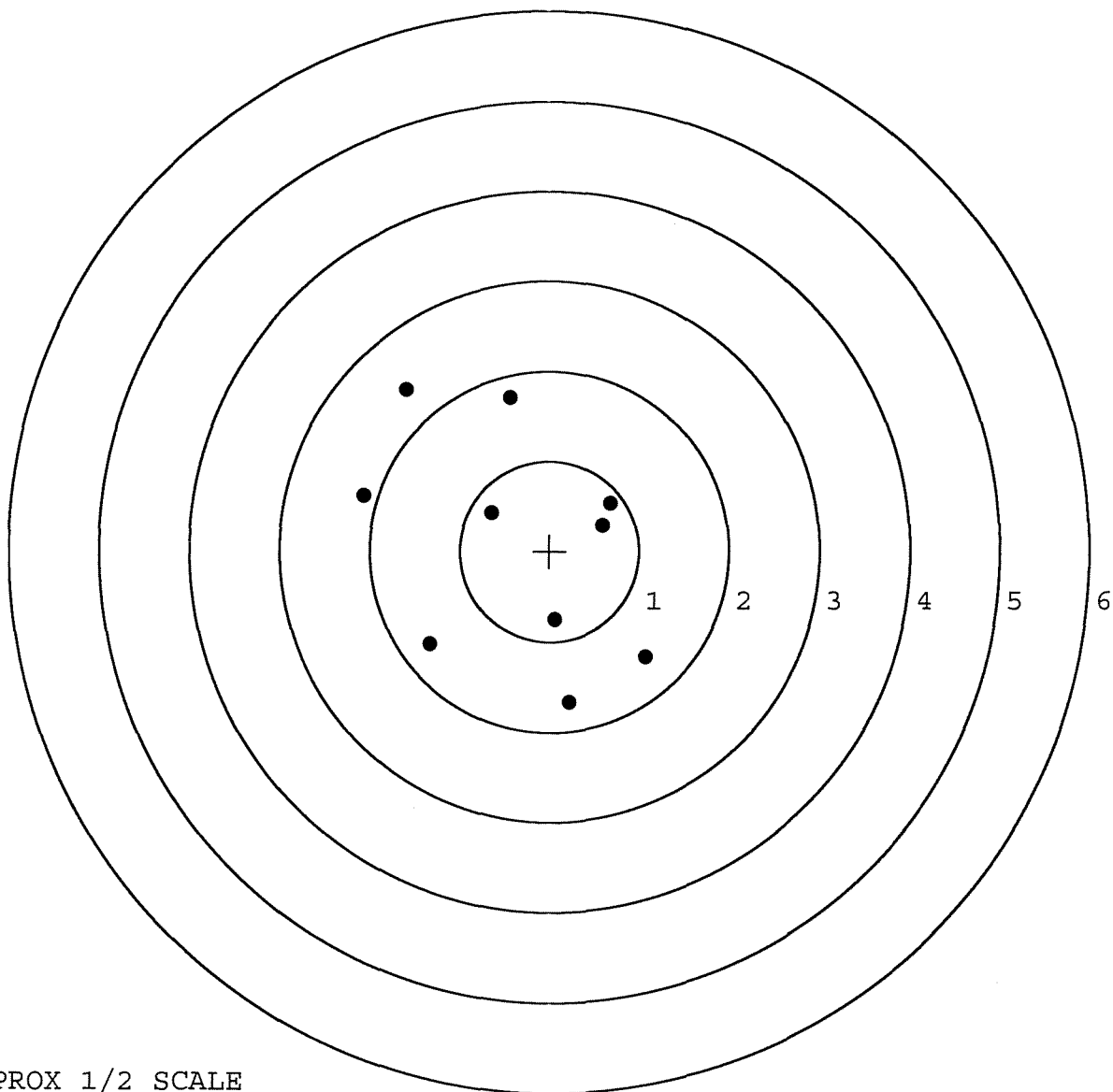


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. 0
 TARGET NUMBER: 3
 FILE DATE: 05/11/2005
 FILE TIME: 08:29

X CENTROID: -0.343
 Y CENTROID: 0.071
 POA TO CENTROID: 0.351
 HORZ SPREAD: 3.135
 VERT SPREAD: 3.455
 GROUP SPREAD: 3.983
 MIN RADIUS: 0.459
 MAX RADIUS: 2.123
 MEAN RADIUS: 1.423
 # IN 1 IN DIAMETER: 1
 # IN 2 IN DIAMETER: 3
 # in 3 IN DIAMETER: 5

POINT#	X	Y
1:	0.062	-0.766
2:	0.590	0.283
3:	0.685	0.532
4:	-0.642	0.420
5:	-1.334	-1.031
6:	0.223	-1.667
7:	1.072	-1.173
8:	-2.063	0.617
9:	-0.434	1.706
10:	-1.592	1.788

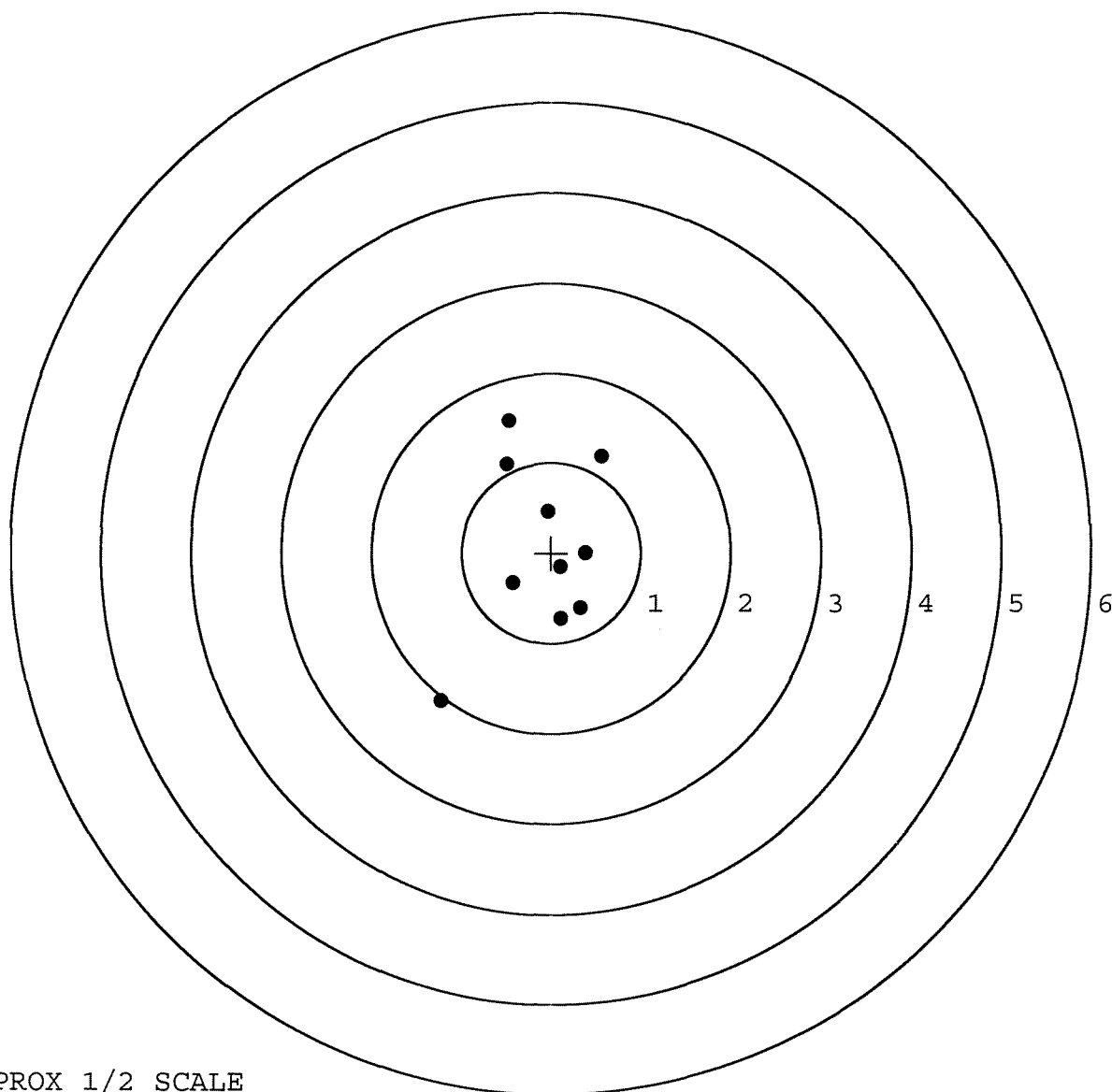


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. 0
 TARGET NUMBER: 4
 FILE DATE: 05/11/2005
 FILE TIME: 08:29

X CENTROID: -0.118
 Y CENTROID: 0.050
 POA TO CENTROID: 0.129
 HORZ SPREAD: 1.795
 VERT SPREAD: 3.112
 GROUP SPREAD: 3.253
 MIN RADIUS: 0.305
 MAX RADIUS: 2.029
 MEAN RADIUS: 0.904
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 6
 # in 3 IN DIAMETER: 9

POINT#	X	Y
1:	0.329	-0.607
2:	0.107	-0.727
3:	0.385	-0.001
4:	0.105	-0.157
5:	-0.431	-0.330
6:	-1.233	-1.645
7:	-0.037	0.455
8:	0.562	1.068
9:	-0.496	0.981
10:	-0.474	1.467

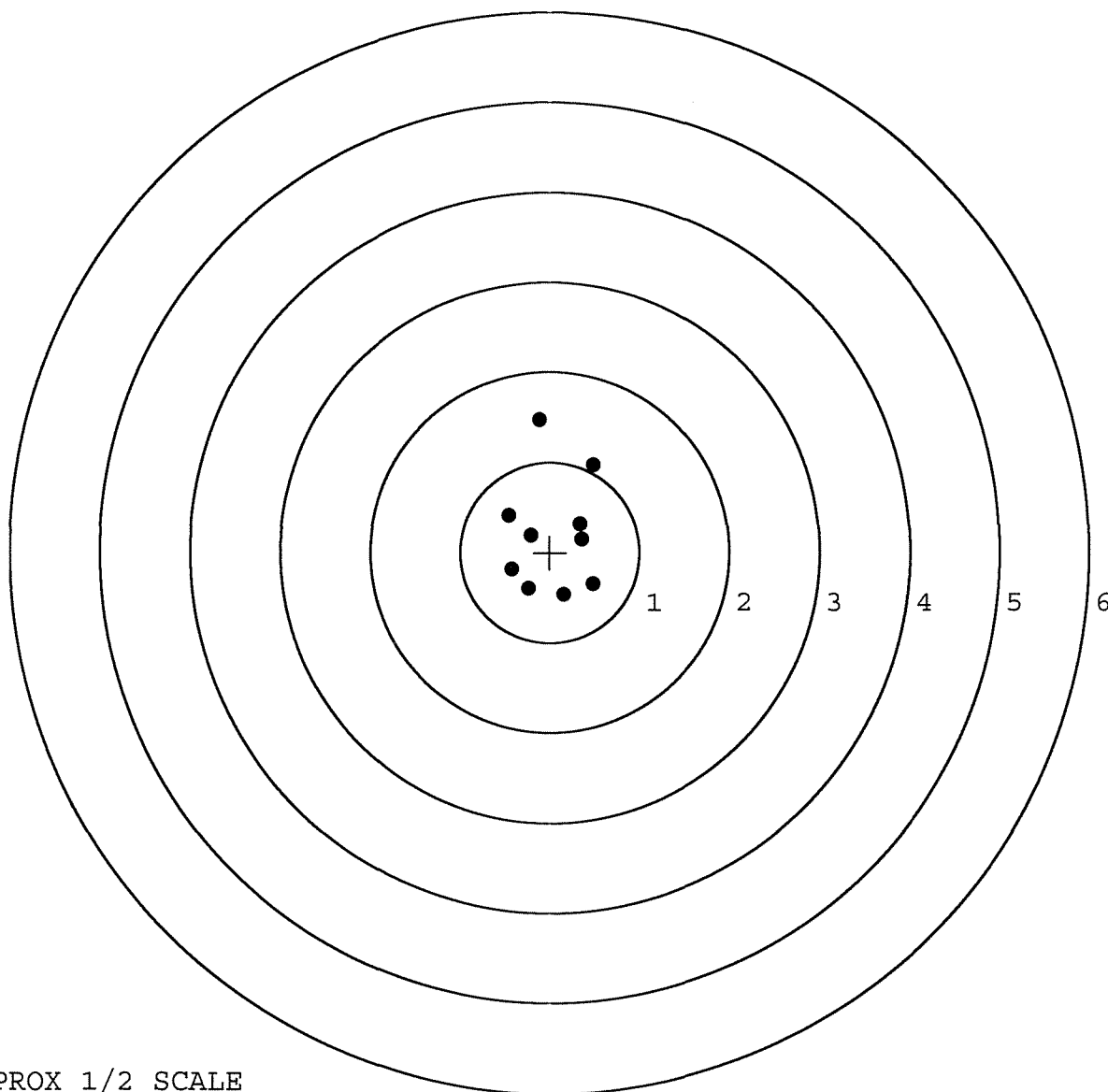


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225389. __ 0
 TARGET NUMBER: 5
 FILE DATE: 05/11/2005
 FILE TIME: 08:29

POINT#	X	Y
1:	0.483	0.967
2:	-0.119	1.461
3:	-0.456	0.407
4:	-0.219	0.191
5:	0.335	0.318
6:	0.358	0.153
7:	0.484	-0.348
8:	0.160	-0.468
9:	-0.242	-0.402
10:	-0.432	-0.192

X CENTROID: 0.035
 Y CENTROID: 0.209
 POA TO CENTROID: 0.212
 HORZ SPREAD: 0.940
 VERT SPREAD: 1.929
 GROUP SPREAD: 1.949
 MIN RADIUS: 0.255
 MAX RADIUS: 1.262
 MEAN RADIUS: 0.626
 # IN 1 IN DIAMETER: 3
 # IN 2 IN DIAMETER: 9
 # in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

R & E NUMBER	92481		
SERIAL NUMBER	C6225389		
LOG-IN DATE	2-4-05		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	4-5-05	RTZ
560 A	RE-BARREL	4-7-05	RTZ
B	DRILL AND TAP	4-11-05	TRW
575	ASSEMBLE	4-7-05	RTZ
600	PROOF	4-8-05	AE
605	CHECK HEADSPACE	4-8-05	AE
610	DIS-ASSEMBLE GUN	4-11-05	RTZ
612	MAGNAFLUX		BS
615	ROLLMARK CALIBER		
618	ROTO-BLAST	4-12-05	CW
620	APPLY COATINGS	4-18-05	LB
625 A	FINAL ASSEMBLY	4-25-05	W7
B	TRIGGER PULL TEST	5-10-05	RTZ
C	SAFETY "ON" FORCE	5-11-05	AE
D	SAFETY "OFF" FORCE	5-11-05	AE
E	FIRING PIN INDENT	5-11-05	AE
640	TARGET	5-11-05	TRW
655	FINAL INSPECT	5-11-05	AE
660	PACK	5-13-05	DA
		SHIP DATE	
		QAR INSPECTION DATE	

Remington[®]

MODEL 700TM M24

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off. Marca Registrada Marque Deposee.

VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

DUPONT
REG. U.S. PAT. & TM. OFF.

SERIAL NO.
C6225389

ORDER NO.
5716

Ø1



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225389

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	E.S.
617	Drill and Tap Sight Holes	4 7	89	FB
618	Polish Barrel RB	4 7	89	BT
620	Apply Coatings (Barrel Action)		4/19/89	TSA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/26/89	E.S.

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	5	5			4/26/89	JS
	G) Safety Off Force	3	3	3			4/26/89	JS
	H) Trigger Pull Test & Retainability						4/26/89	S. S.
	I) Firing Pin Indent	.020	.021	.021			4/26/89	JS
	J) Assemble Stock						4/27/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						4/27/89	RW
	M) Iron Sight Alignment						4/27/89	RW
	N) Detach Front & Rear Sights & place in numbered container						4/27/89	RW
	O) Attach Scope to Rifle						4/27/89	JS
	P) Detach & Attach Scope 20 Times						27 April 89	JS
640	Gallery Target & Test	90 R	63 L				4/28/89	DH
	A) Time						4/28/89	DH
	B) Malfunctions						4/28/89	DH
	C) Pierced Primers						4/28/89	DH
	D) Optical Clarity of Scope						4/28/89	DH
645	Inspect for Live Ammo						4/28/89	DH
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.74	2.75	2.78	2.77	2.83	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						27 June 89	JS

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# ± .50#

3.00# ± .75#

4.00# ± 1.00#

SERIAL NO. C6225389DATE 3/28/90TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.58	2.37	2.51	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.48	2.39	2.50	
PULL #3	2.50	2.42	2.44	
PULL #4	2.48	2.42	2.44	
PULL #5	2.49	2.39	2.44	
TOTAL	12.53	11.99	12.33	
AVG.	2.51	2.39	2.46	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.10	3.01	
PULL #2	3.09	3.10	
PULL #3	3.05	3.08	
PULL #4	3.07	3.04	
PULL #5	3.10	3.09	
TOTAL	15.41	15.32	
AVG.	3.08	3.06	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.35	4.26		
PULL #2	4.30	4.33		
PULL #3	4.30	4.20		
PULL #4	4.30	4.27		
PULL #5	4.32	4.32		
TOTAL	21.57	21.38		
AVG.	4.31	4.27		

CENTROIDAL DISTANCE CALCULATIONS
 FOR RIFLE # 06225389
 1 May 1989

CENTROIDAL DISTANCES

0 TO	1	.630721
1 TO	2	1.093
1 TO	3	.710623
1 TO	4	.58616
1 TO	5	.578234

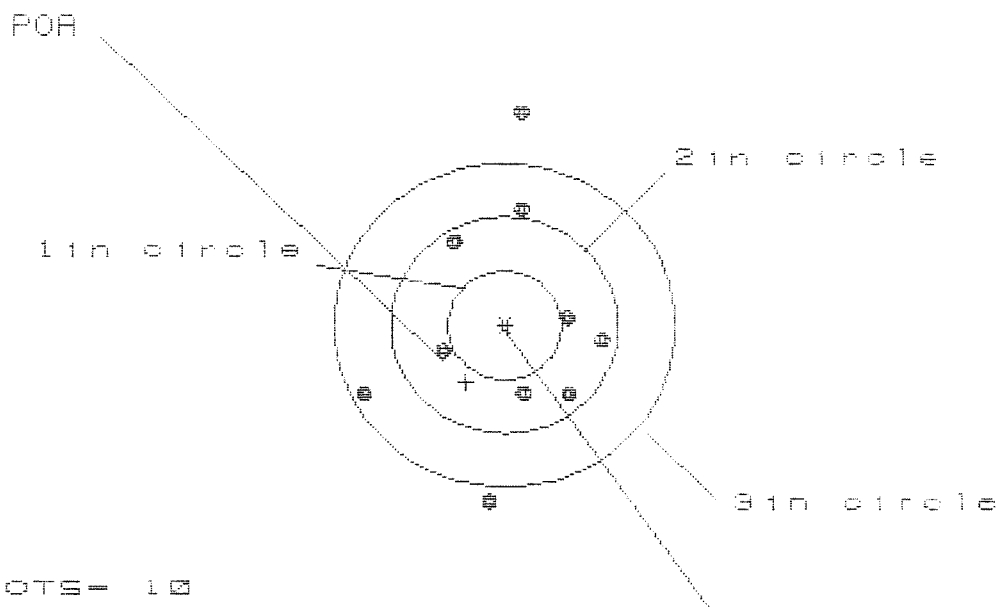
1
 Hg <----POA
 2

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .2626
 THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0532
 THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .267935
 THE AMR FOR THIS RIFLE IS: .9794

28 Apr 1989

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CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1 in = 0

2 in = 6

3 in = 8

HS= 2.068

VS= 3.578

GS= 3.590

CENTROID +

PATTERN #	:	1	2	3
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.841	.856	.838
MINIMUM X	:	-1.227	-1.212	-1.230
MAXIMUM Y	:	1.929	1.314	1.134
MINIMUM Y	:	-1.649	-1.434	-1.642
CENTROID X	:	.345	.330	.348
CENTROID Y	:	.528	.313	.493
POA TO CENTROID in.	:	.630	.455	.603
MIN RADIUS	:	.546	.479	.548
MEAN RADIUS	:	1.044	.923	.854
MAX RADIUS	:	1.934	1.442	1.345
HORIZONTAL SPREAD	:	2.068	2.068	2.068
VERTICAL SPREAD	:	3.578	2.748	1.776
EXTREME SPREAD	:	3.590	2.765	2.166
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	6		
NUMBER IN THREE INCH CIRCLE	=	8		

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CENTERFIRE PATTERNS

2

POR

1 in circle

2 in circle

3 in circle

CENTROID *

OF SHOTS= 10

IN CIR

1 in = 3

2 in = 8

3 in = 10

HS= 1.8005

VS= 1.947

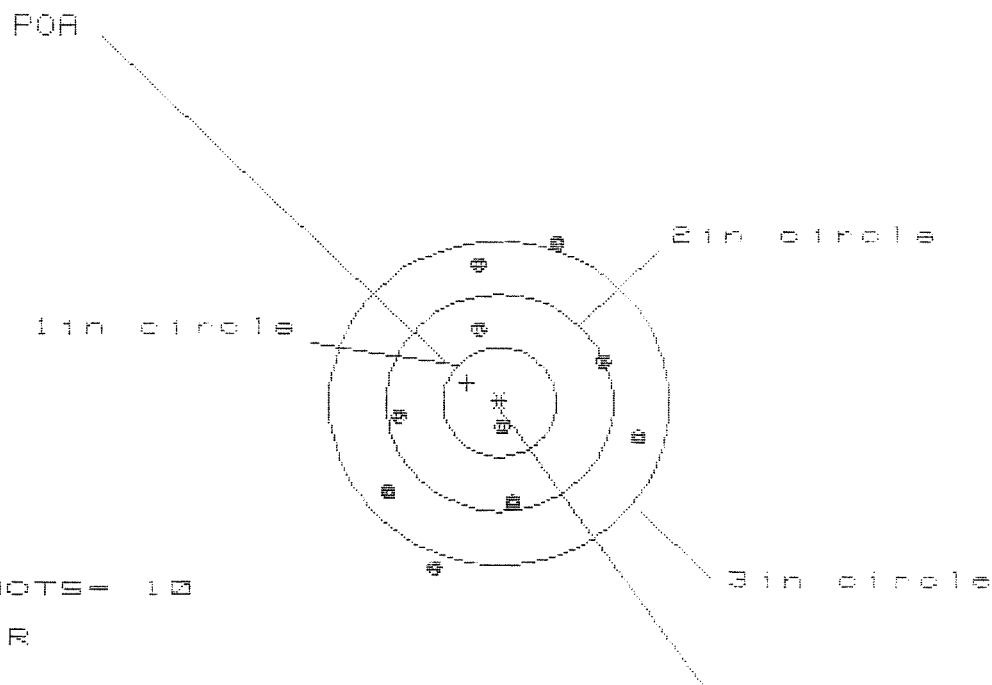
GS= 2.062

PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.613	.480	.414
MINIMUM X	:	-1.192	-.534	-.386
MAXIMUM Y	:	.964	1.027	.912
MINIMUM Y	:	-.983	-.920	-.880
CENTROID X	:	.345	.478	.544
CENTROID Y	:	-.565	-.628	-.513
POR TO CENTROID in.	:	.662	.789	.748
MIN RADIUS	:	.203	.138	.197
MEAN RADIUS	:	.712	.619	.571
MAX RADIUS	:	1.321	1.063	.914
HORIZONTAL SPREAD	:	1.805	1.014	.800
VERTICAL SPREAD	:	1.947	1.947	1.793
EXTREME SPREAD	:	2.062	2.021	1.802
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		8	
NUMBER IN THREE INCH CIRCLE	=		10	

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CENTERFIRE PATTERNS # 3



OF SHOTS - 10

IN CIR

1in = 1

2in = 4

3in = 8

HS = 2.140

VS = 2.973

GS = 3.148

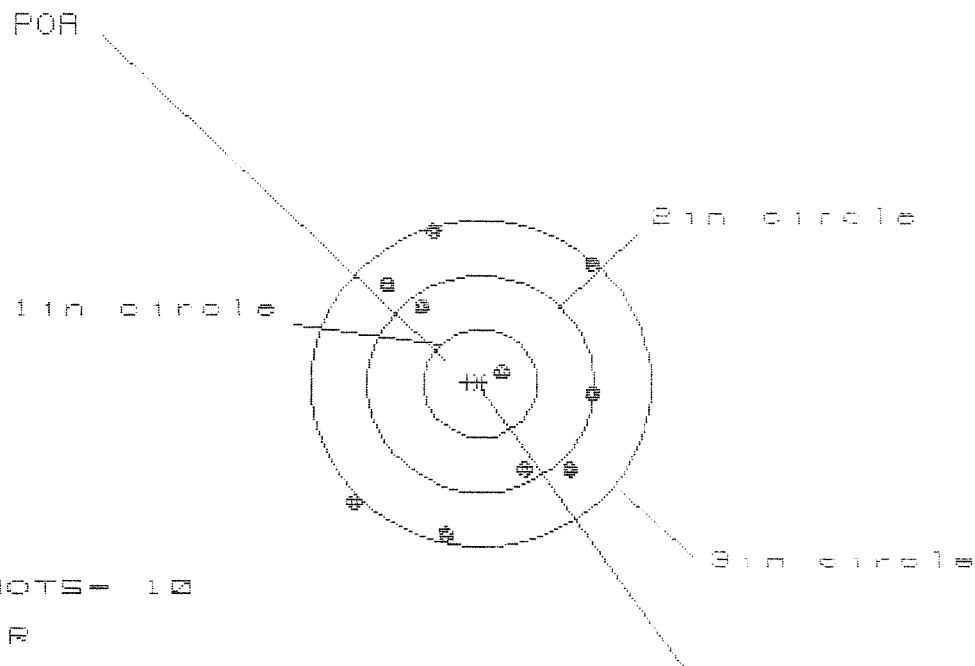
CENTROID #

PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.186	1.126	1.180
MINIMUM X	:	-.954	-1.014	-.960
MAXIMUM Y	:	1.491	1.327	1.269
MINIMUM Y	:	-1.482	-1.128	-.963
CENTROID X	:	.284	.344	.290
CENTROID Y	:	-.180	-.016	-.181
POA TO CENTROID in.	:	.336	.345	.342
MIN RADIUS	:	.190	.360	.189
MEAN RADIUS	:	1.068	1.010	.941
MAX RADIUS	:	1.578	1.422	1.289
HORIZONTAL SPREAD	:	2.140	2.140	2.140
VERTICAL SPREAD	:	2.973	2.455	2.232
EXTREME SPREAD	:	3.148	2.737	2.291
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		8	

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CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 4

3in = 9

HS= 2.188

VS= 2.795

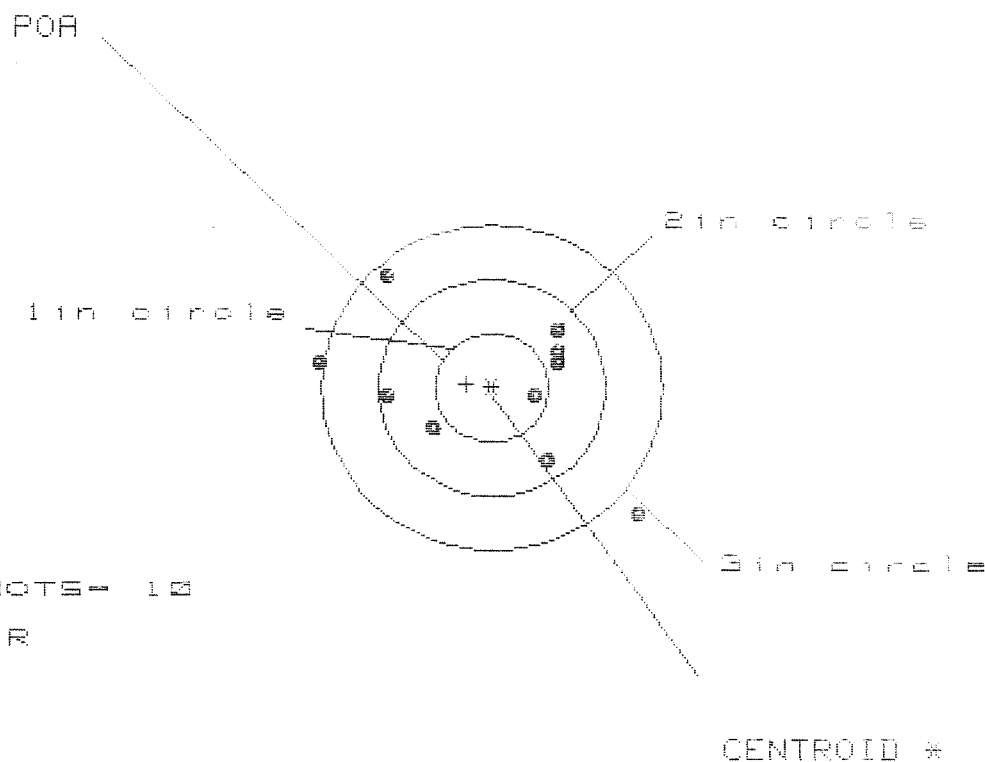
GS= 3.100

PATTERN #	:	4		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.022	.892	.955
MINIMUM X	:	-1.166	-.979	-.867
MAXIMUM Y	:	1.403	1.277	1.395
MINIMUM Y	:	-1.392	-1.518	-1.400
CENTROID X	:	.117	.247	.135
CENTROID Y	:	-.012	.114	-.004
POA TO CENTROID in.	:	.118	.271	.135
MIN RADIUS	:	.207	.030	.188
MEAN RADIUS	:	1.119	1.032	1.009
MAX RADIUS	:	1.624	1.588	1.458
HORIZONTAL SPREAD	:	2.188	1.871	1.822
VERTICAL SPREAD	:	2.795	2.795	2.795
EXTREME SPREAD	:	3.100	2.808	2.796
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS = 10

IN CIR

1in = 1

2in = 7

3in = 8

HS = 2.809

VS = 2.246

GS = 3.152

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.321	.714	.546
MINIMUM X	:	-1.488	-1.341	-.927
MAXIMUM Y	:	1.082	.953	.967
MINIMUM Y	:	-1.164	-.820	-.886
CENTROID X	:	.222	.075	.243
CENTROID Y	:	-.037	.092	.078
POA TO CENTROID in.	:	.225	.119	.255
MIN RADIUS	:	.426	.607	.451
MEAN RADIUS	:	.954	.876	.777
MAX RADIUS	:	1.761	1.346	1.329
HORIZONTAL SPREAD	:	2.809	2.055	1.473
VERTICAL SPREAD	:	2.246	1.773	1.773
EXTREME SPREAD	:	3.152	2.215	2.215
NUMBER IN ONE INCH CIRCLE	=	1		
NUMBER IN TWO INCH CIRCLE	=	7		
NUMBER IN THREE INCH CIRCLE	=	8		